



AUG 3 0 2007

PTO/SB/08A (04-07)

Approved for use through 09/30/2007 OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

The Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 3

**Complete if Known**

Application Number	10/698,365
Filing Date	November 3, 2003
First Named Inventor	BEHR, Martin
Art Unit	3624 2878
Examiner Name	Unknown /Jennifer Bennett
Attorney Docket Number	26090-047

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/J.B./	1	US- 4,227,211	10/07/1980	Disbrow	
	2	US- 4,324,367	11/25/1986	Shafer et al.	
	3	US- 4,741,042	04/26/1988	Throop et al.	
	4	US- 4,887,155	12/12/1989	Massen	
	5	US- 4,946,046	08/07/1990	Affleck et al.	
	6	US- 4,963,035	10/16/1990	McCarthy et al.	
	7	US- 5,132,538	07/21/1992	Norris	
	8	US- 5,253,765	10/19/1993	Moorehead et al.	
	9	US- 5,257,182	10/26/1993	Luck et al.	
	10	US- 5,321,491	06/14/1991	Summers et al.	
	11	US- 5,392,359	02/21/1995	Futamura et al.	
	12	US- 5,470,175	11/28/1995	Jensen et al.	
	13	US- 5,526,437	06/11/1996	West	
	14	US- 5,655,028	08/05/1997	Soll et al.	
	15	US- 5,661,820	08/26/1997	Kegelmeyer, Jr.	
	16	US- 5,732,147	03/24/1998	Tao	
	17	US- 5,761,070	06/02/1998	Connors et al.	
	18	US- 5,764,792	06/09/1998	Kennealy	
	19	US- 5,764,819	06/09/1998	Orr et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
/J.B./	1	JP 2003 307496A (abstract)	10/31/2003	SAKAE, Kobayashi		
	2	DE 198 01 400 (abstract)	07/29/1999	PERNER, Petra, Dr.		
	3	DE 196 10 849 (abstract)	10/16/1997	HOEFELD, Markus		
	4	EP 0 226 430 A2	09/12/1986	FARAH et al.		
	5	WO 01/69403	03/09/2001	HALL et al.		

Examiner Signature	/Jennifer Bennett/	Date Considered	02/13/2008
--------------------	--------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 629. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/J.B./	20	US- 5,841,883	11/24/1998	Kono et al.	
	21	US- 5,845,002	12/01/1998	Heck et al.	
	22	US- 5,850,470	12/15/1998	Kung et al.	
	23	US- 5,864,984	02/02/1999	McNertney	
	24	US- 5,933,524	08/03/1999	Schuster et al.	
	25	US- 6,005,959	12/21/1999	Mohan et al.	
	26	US- 6,009,186	12/28/1999	Goretz et al.	
	27	US- 6,014,451	01/11/2000	Berry et al.	
	28	US- 6,236,739	05/22/2001	Conrad	
	29	US- 6,771,836	08/03/2004	Lawton	
	30	US- 6,819,790	11/16/2004	Suzuki et al.	
	31	US- 6,937,744	08/30/2005	Toyama	
	32	US- 5,933,519	08/03/1999	Lee et al.	
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Jennifer Bennett/	Date Considered	02/13/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 605. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). See MPEP § 605.1(d) for Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>2</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>3</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>4</sup>Applicant is to place a check mark here if English language translation is attached.

This communication is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)		Application Number	10698365
		Filing Date	2003-11-03
		First Named Inventor	BEHR, Martin
		Art Unit	9004 2878
		Examiner Name	Unknown /Jennifer Bennett/
		Attorney Docket Number	26090-047

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
/J.B./	1	BOSER, B.E., GUYON, I.M. and VAPNIK, V.N. (1992) A training algorithm for optimal margin classifiers. Proceedings of the Annual ACM Workshop on Computational Learning Theory, New York, NY, pp. 144-152	<input type="checkbox"/>
	2	ImageProPlus Online, Jul. 10, 2001, Mediacybernetics XP-002236715	<input type="checkbox"/>
	3	LAWSON, D., HALE, R. and WILLIAMS, B. (1987) Brain stetson: a tool for the design and test of neural newtork simulations. Proceedings of the Southeast Conference, Tampa, FL pp. 530-534	<input type="checkbox"/>
	4	LEE, J.S., HWANG, J., DAVIS, D.T. and NELSON, A.C. (1991) Integration of neural networks and decision tree classifiers for automated cytology screening. Proceedings of the International Joint Conference on Neural Networks, vol. 1, Seattle, WA, pp. 257-262.	<input type="checkbox"/>
	5	NeuralWare.com "NeuralWare Products, NeuralWorks Predict" Jul. 19, 2001 (website - www.neuralware.com)	<input type="checkbox"/>
	6	REFENES, A.N., Jain, N. and ALSULAIMAN, M.M. (1990) An integrated neural network system for histological image understanding. Proceedings of the SPIE, vol. 1386, Machine Vision Systems Integration in Industry, pp. 62-74	<input type="checkbox"/>
↓	7	REVENUE, M., ELMOATAZ, A., PORQUET, C. and CARDOT, H. (1993) An automatic System for the classification of cellular categories in cytological images. Proceedings of the SPIE, vol. 2055, Intelligent Robots and Computer Vision XII, pp. 32-43	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Jennifer Bennett/	Date Considered	02/13/2008
--------------------	--------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.